

Outgoing
C0070041
α

From: Ingrid Wieser
To: Dave Shaver
CC: OGMCOAL
Date: 6/17/2010 9:29 AM
Subject: Inspection Report 2394
Attachments: 20100617102658.pdf

Mr. Shaver-

Attached is the Partial Inspection Report for the Catchment structures site visit on June 9, 2009. If you have any questions please call or email.

Thank you,

Ingrid Wieser
Environmental Scientist II
Division of Oil Gas & Mining
1594 W North Temple, Suite 1210
PO Box 145801
Salt Lake City, UT 84114-5801
801-538-5318
IngridWieser@utah.gov



GARY R. HERBERT
Governor

GREG BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Inspection Report

| | |
|------------------|--------------------------|
| Permit Number: | C0070041 |
| Inspection Type: | PARTIAL |
| Inspection Date: | Wednesday, June 09, 2010 |
| Start Date/Time: | 6/9/2010 9:30:00 AM |
| End Date/Time: | 6/9/2010 12:30:00 PM |
| Last Inspection: | Tuesday, May 11, 2010 |

Inspector: J

Weather: Sunny 75 degrees

InspectionID Report Number: 2394

Accepted by: jhelfric

6/16/2010

Representatives Present During the Inspection:

| | | |
|---------|-------------------|-----------------------------|
| OGM | Ingrid Wieser | Environmental Scientist II |
| OGM | Priscilla Burton | Environmental Scientist III |
| OGM | Steve Christensen | Environmental Scientist II |
| OGM | James Owen | |
| Company | David Shaver | Manager |

Permittee: **WEST RIDGE RESOURCES**

Operator: **WEST RIDGE RESOURCES**

Site: **WEST RIDGE MINE**

Address: **PO BOX 1077, PRICE UT 84501**

County: **CARBON**

Permit Type: **PERMANENT COAL PROGRAM**

Permit Status: **ACTIVE**

Current Acreages

| | |
|----------|-----------------|
| 6,717.80 | Total Permitted |
| 30.62 | Total Disturbed |
| | Phase I |
| | Phase II |
| | Phase III |

Mineral Ownership

- ☒ Federal
☒ State
☐ County
☐ Fee
☐ Other

Types of Operations

- ☒ Underground
☐ Surface
☐ Loadout
☐ Processing
☐ Reprocessing

Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

Staff members from the Division met with Dave Shaver to inspect Catchment Structure A and reclaimed structures C E and F. Catchment structure A contained cement barriers which were not previously there or included in the permit amendment. The other reclaimed structures were never permitted by the Division and were regulated by the landowner (BLM).

Inspector's Signature:

Ingrid J. Wieser

Date

Monday, June 14, 2010

Inspector ID Number:

Note: This report is for informational purposes only. It does not constitute a permit or approval. The Division of Oil, Gas and Mining is not responsible for the accuracy of the information provided. For more information, contact the Division of Oil, Gas and Mining at (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • www.ogm.utah.gov



Permit Number: C0070041
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Inspection Continuation Sheet

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REVIEW OF PERMIT, PERFORMANCE STANDARDS, PERMIT CONDITION REQUIREMENTS

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
 - a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
 - b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

| | Evaluated | Not Applicable | Comment | Enforcement |
|--|-------------------------------------|--------------------------|-------------------------------------|--------------------------|
| 1. Permits, Change, Transfer, Renewal, Sale | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Signs and Markers | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Topsoil | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4.a Hydrologic Balance: Diversions | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4.b Hydrologic Balance: Sediment Ponds and Impoundments | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4.c Hydrologic Balance: Other Sediment Control Measures | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4.d Hydrologic Balance: Water Monitoring | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4.e Hydrologic Balance: Effluent Limitations | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Explosives | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Disposal of Excess Spoil, Fills, Benches | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Coal Mine Waste, Refuse Piles, Impoundments | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Noncoal Waste | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. Protection of Fish, Wildlife and Related Environmental Issues | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. Slides and Other Damage | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 11. Contemporaneous Reclamation | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 12. Backfilling And Grading | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 13. Revegetation | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 14. Subsidence Control | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 15. Cessation of Operations | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 16.a Roads: Construction, Maintenance, Surfacing | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 16.b Roads: Drainage Controls | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 17. Other Transportation Facilities | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 18. Support Facilities, Utility Installations | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 19. AVS Check | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 20. Air Quality Permit | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 21. Bonding and Insurance | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 22. Other | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

4.b Hydrologic Balance: Sediment Ponds and Impoundments

The four sub-catchment sites (A, C, E and F) were inspected during the site visit. Following the termination of coal fine clean-up activities within the C Canyon drainage, it was concluded among the regulatory agencies and Permittee, that Subcatchment A would remain in place as a safeguard against possible future coal fine releases from the mine-water discharge.

Sub-catchment A appeared to be stable and functional. No excelsior logs were in use within the sub-catchment's outlet structure. The water retained in the sub-catchment appeared to have a blue tint to it.

The reclamation work on sub-catchments C, E and F was inspected. All three of the sites appeared stable. No signs of erosion or cutting were visible within the area of the disturbances or adjacent to it. According to mine representative Mr. Dave Shaver, the sites were reclaimed in November of 2009. The sites were pocked and seeded. Evidence of re-vegetation efforts was at all three sites; however, more established vegetation was observed at Sub-catchment E. With the exception of Sub-catchment F, the Permittee was successful in placing large boulders within the C Canyon drainage to produce a more natural aesthetic to the reclamation. The Sub-catchment F site did not have the rock available to duplicate the rock placement.

Coal-fine accumulations were observed below Sub-catchment A. As the physical/mechanical removal of the coal fine material (summer of 2009) was confined to the C Canyon drainage above Sub-catchment A, it's likely that coal-fine material that was not removed during clean-up (either as a result of less than 100% removal above Sub-catchment A or it's location below the clean-out area) is gradually working it's way down the drainage. Over time, scouring events (such as the rainfall event in November of 2009 that significantly impacted the sub-catchments) will dislodge and flush the residual coal-fine material downstream. Consequently sediments colored by coal fines were noticeable in stream eddies at all reclaimed catchment locations.

13. Revegetation

All catchments were significantly flooded and washed out in the fall of 2009. Immediately following this event, catchment A was reseeded and the other catchments were removed and reclaimed. The vegetation was very sparse at all locations and weedy species dominated. Desirable species present at reseeded areas included: bottle brush squirelltail (seeded), yellow sweetclover (volunteer), yellow beeplant (volunteer), winterfat (seeded), andscarlet globemallow (seeded).

21. Bonding and Insurance

Catchment A had several cement barriers around the pond in order to prevent recreationists from entering the pond. The barriers were not included in the permit amendment or the bond. The Division will assess this issue further and may require the company to place a bond for the removal of the structures.